

**SEARCHED**

Class	Sub.	Date	Exmr.
228	111-5	3/17/80	42
	110-1		
	36		
	33		
	40		
	180-1		
	180-21		
	179-1		
	245		
	203		
118	423		
228	111-5	10/15/80	42
	110-1		
	36		
	33		
	40		
	180-1		
	180-21		
	179-1		
	245		
	203		

## **SEARCH NOTES (INCLUDING SEARCH STRATEGY)**

	Date	Exmr.				
	Type	L. #	Size	Search Test	Obs	Time Stamp
1	DMS	55	147	"(solder) or (device) near substrate(s) or device(s) or semiconductor(s) or PCB or circuit board(s) near (solder) or (device)"	USPAT: EPD: 2000/03/14 JPO: 1999/12/16 Derwent: 09/16	[ ]
2	DMS	123	10	"I and incident(s) near (liquid)"	USPAT: EPD: 2000/03/14 JPO: 1999/08/01 Derwent: [ ]	[ ]
3	DMS	14	10	"I and 2 and 3"	USPAT: EPD: JPO: Derwent:	[ ]
4	DMS	57	26	"I and (solder) near (liquid) or (liquid or organic acid) compound(s)"	USPAT: EPD: 2000/03/14 JPO: 1999/08/01 Derwent: 09/16	[ ]
5	DMS	15	901	"(solder) or (device) or substrate(s) or device(s) or semiconductor(s) or PCB or circuit board(s) near (solder) or (device)"	USPAT: EPD: 2000/03/14 JPO: 1999/12/16 Derwent: 09/16	[ ]
6	DMS	14	22	"5 and (solder) near (liquid)"	USPAT: EPD: JPO: 2000/03/14 Derwent: 09/20	[ ]
7	DMS	17	105	"5 and (solder) near (liquid)"	USPAT: EPD: JPO: 2000/03/14 Derwent: 09/20	[ ]
8	DMS	18	26	"7 and ultrasonic or (substrate)"	USPAT: EPD: 2000/03/14 JPO: 1999/12/17 Derwent: [ ]	[ ]
9	DMS	19	4	"I and (solder) or (liquid) or (attachment) or (solder) or (solder) near surface (adj2) (carbon)"	USPAT: EPD: 2000/03/14 JPO: 1999/12/17 Derwent: 09/37	[ ]
10	DMS	110	365	"5 and (optic) or (ceramic)"	USPAT: EPD: JPO: 2000/03/14 Derwent: 09/15	[ ]
11	DMS	131	13	"10 and incident(s) near (liquid)"	USPAT: EPD: 2000/03/14 JPO: 1999/09/33 Derwent: [ ]	[ ]
12	DMS	112	0	"I and perfluorocarboxylicamined (solder) or (liquid) or (solder) or (liquid) or (adj2) (carbon)"	USPAT: EPD: 2000/03/14 JPO: 1999/09/34 Derwent: [ ]	[ ]
13	DMS	113	13	"5 and (lithium) or (incident) (solder) or (liquid) or (solder) near (surface) (adj2) (carbon)"	USPAT: EPD: 2000/03/14 JPO: 1999/09/35 Derwent: [ ]	[ ]

Steen Span  
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JP - 3-60134  
discussed  
alignment of  
electrical  
devices.

**INTERFERENCE SEARCHED**

Class	Sub.	Date	Exmr.

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